



Maricopa County greengovernmentprogram



Maricopa County's significant population growth is historic and well-known. After adding approximately one million people in the 1990s, the County will again add another one million people in the first decade of this century. With a current population approaching four million and long-term projections showing the population nearly doubling again in less than 40 years, it is clear that strategies to help maintain a vibrant quality of life will be even more important in the future.

An important part of these strategies will be maintaining a healthy and sustainable environment. Recognizing the relationship between a healthy environment and the County's long-term success, the Maricopa County Board of Supervisors directed County departments to prepare and implement a long-term strategy whereby the County will reduce its carbon footprint, help save money, and enhance the region's environment. Several months of collaboration and coordination between its departments and community stakeholders has resulted in a new and innovative plan known as the Maricopa County Green Government Program.

2010
Maricopa County
Board of Supervisors



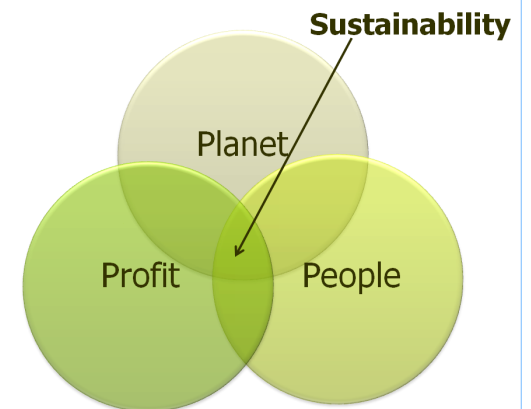
The Board of Supervisors recognizes the impacts that significant growth will continue to have on the region's environment. The Board of Supervisors also recognizes that it can and should be a regional leader in maintaining a healthy and sustainable community.

Leadership is a fundamental part of the Green Government Program because the identified actions will be implemented by County departments to demonstrate that environmental stewardship and cost savings can be achieved. This "Lead by Example" approach directs County departments to implement identified actions to help improve the region's air quality; improve water quality and quantity; increase material reuse and recycling; reduce energy use; make better informed decisions about efficient, economical, and environmentally sensitive land use and development patterns; and build long-lasting partnerships with the broader community.

While sustainability is often a misunderstood cliché, it's most commonly identified when environmental, economic, and social benefits overlap to achieve a positive outcome. Although achieving sustainability is difficult, Maricopa County believes the Green Government Program is an important step in a long-term approach to advance regional sustainability.

Maricopa County understands that we have a responsibility to our residents both current and future to be a leader in sustainability.

-Chairman Don Stapley



Acknowledgments

The Green Government Program was a multi-departmental effort steered by exceptional leadership from the Board of Supervisors and County Manager David Smith.

Maricopa County departments include:

Adult Probation

Air Quality

Animal Care and Control

Environmental Services

Equipment Services

Facilities Management

Flood Control District

Human Resources

Library District

Medical Examiner's Office

Parks and Recreation

Planning and Development

Public Health

Public Works Professional Support Services

Solid Waste

Stadium District

Superior Court

Transportation Department



Impact-Icons



The "impact-icons" indicate which tract of sustainability certain measures will improve. Because sustainability is a very expansive issue many measures may blend into more than one impact-icon. This overlap will be indicated in the document by the corresponding impact -icon with the specific measure.

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

-The Brundtland Commission

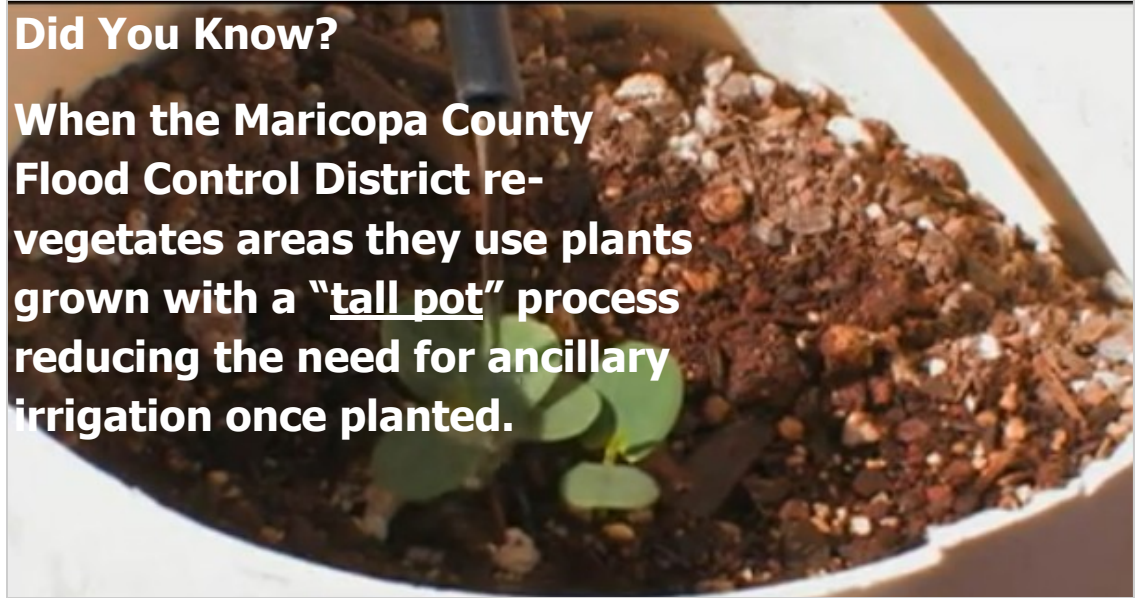


water

Maricopa County is not exempt from the American southwest's importance for responsible water management. According to the United States Green Building Council, buildings use 12% of all potable water with most going to landscaping. With more than 13,000 employees and 177 buildings, Maricopa County is leveraging its assets and activities to make great strides in water usage reduction. The Maricopa County Green Government Program has identified specific measures to reduce potable water consumption.

Did You Know?

When the Maricopa County Flood Control District re-vegetates areas they use plants grown with a "tall pot" process reducing the need for ancillary irrigation once planted.












Action Statement

Reduce water consumption in our operations and educate residents about water conservation.











WATER Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
AQ8	Air Quality Department	Efficient process to report leaking faucets and running toilets to building management.	July 2011	On-Going	
AQ11	Air Quality Department	Utilize Public Works/local municipality personnel to provide three "Brown Bag" sessions concerning water usage at home per FY.	July 2010	On-Going	
ES6	Environmental Services	Provide public guidance on water reuse strategies including gray water.	July 2011	Launched	 
FMD2	Facilities Management	Ensure that all future landscaping uses only native species plants or near native adapted low-water use plants.	July 2011	On-Going	
FMD4	Facilities Management	Have an established membership and be an active participant in the following organizations: <ul style="list-style-type: none"> US Green Building Council Association of Energy Engineers Distributed Energy Association of Arizona Illuminating Engineering Society Municipal Energy Alliance of Greater Phoenix Sustainable Cities Network 	July 2010	On-Going	   








"Only after the last tree has been cut down...the last river has been poisoned...the last fish caught, only then will you find that money cannot be eaten."

- Cree Native American Prophecy

WATER Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
FMD 16	<u>Facilities Management</u>	Reduce water consumption by 10% based on 2005 baseline levels in county owned/managed facilities.	July 2020	Launched	
FMD 17	<u>Facilities Management</u>	Install water saving devices/fixtures in all county owned/managed restrooms where applicable including but not limited to: waterless urinals, low-flow fixtures, dual flush toilets, automatic faucets.	July 2012	Launched	
FMD 18	<u>Facilities Management</u>	Research and report on the viability of using non-potable water for landscape irrigation, toilet/urinal flushing, custodial purposes, and building systems for county owned/managed buildings.	July 2011	Launched	
FMD 19	<u>Facilities Management</u>	Research and report on the reconfiguration for all air conditioning drainage lines in all county owned/managed buildings to reuse condensate water from evaporator coils for other uses including but not limited to: landscape irrigation, lavatory flushing, and cooling towers.	July 2013	Not Started	
FCD3	<u>Flood Control District</u>	Incorporate tree and vegetation planting into at least 50% of Flood Control District projects in the five year CIP where hydraulically feasible.	July 2010	On-Going	 
FCD4	<u>Flood Control District</u>	Enter into Intergovernmental Agreements with municipalities to incorporate multi-use features in all flood control projects where feasible.	July 2010	On-Going	 

WATER Measures

Tag	Department	Measure Detail	Due	Status	Impact Icons
PD9	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that addresses common space landscaping, water conserving irrigation methods, paving/hardscape limitations, lot coverage, etc.	July 2011	Launched	 
PD15	<u>Planning and Development</u>	Prepare criteria for Board of Supervisors consideration for adoption that addresses methods for water conservation in building design and building fixtures.	July 2013	Not Started	
MDOT 3	<u>Transportation</u>	Stabilize exposed soil surfaces generated during its construction projects. Disturbed soils will receive a native plant mix via hydro-seeding or be given desert xeriscape.	July 2010	On-Going	 
MDOT 7	<u>Transportation</u>	Landscape 100% of new medians, when deemed economically feasible, with native tree plantings and low-maintenance and low-water using native ground cover.	July 2010	On-Going	 

Every day is Earth Day. -Author Unknown



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2010-2011